

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claims 1-12.(withdrawn)

Claim 13. (original) A glass composition, comprising:

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SiO ₂	70 to 75 weight percent
Na ₂ O	12 to 15 weight percent
K ₂ O	0 to 5 weight percent
CaO	> 9 weight percent
MgO	< 4 weight percent
Al ₂ O ₃	0 to 2 weight percent
SO ₃	0 to 1 weight percent
Fe ₂ O ₃	0 to 2 weight percent

wherein:

SiO ₂ + Al ₂ O ₃	≥ 70 weight percent
Na ₂ O + K ₂ O	10 to 15 weight percent
CaO + MgO	12 to 15 weight percent
CaO/MgO	2 to 5

Claim 14. (previously presented) The composition according to claim 13, wherein CaO is in the range of greater than 9 to 12 weight percent.

Claim 15. (previously presented) The composition according to claim 13, wherein CaO is in the range of 9.1 to 11 weight percent.

Claim 16. (previously presented) The composition according to claim 13, wherein MgO is in the range of 2 to less than 4 weight percent.

Claim 17. (previously presented) The composition according to claim 13, wherein CaO + MgO is in the range of 12 to 13.5 weight percent.

Claim 18. (currently amended) The composition according to claim 19 wherein CaO + MgO is in the range of 12.5 to less than 13 weight percent.

Claim 19. (currently amended) A glass composition comprising:

SiO ₂	70 to 75 weight percent
Na ₂ O	12 to 15 weight percent
K ₂ O	0 to 5 weight percent
CaO	>9 weight percent
MgO	<4 weight percent
Al ₂ O ₃	0 to 2 <u>less than 1.6</u> weight percent
SO ₃	0 to 1 weight percent
Fe ₂ O ₃	0 to 2 <u>less than 0.65</u> weight percent

wherein

SiO ₂ + Al ₂ O ₃	> 70 weight percent
Na ₂ O + K ₂ O	40 <u>12</u> to 15 weight percent
CaO + MgO	12 to less than 13.4 weight percent
CaO/MgO	2 to 5

wherein the glass composition has a log 2 viscosity in the range of about 2570°F to about 2590°F (1410°C to 1421°C) and a log 4 viscosity in the range of about 1850°F to about 1894°F (1010°C to 1034°C).

Claim 20. (previously presented) The composition according to claim 13, wherein the glass composition has a log 7.6 viscosity in the range of about 1300°F to about 1350°F (704°C to 732°C) and a log 13 viscosity in the range of about 1016°F to about 1020°F (547°C to 549°C).

Claim 21. (original) The composition according to claim 19, wherein the glass composition has a log 7.6 viscosity in the range of about 1300°F to about

1350°F (704°C to 732°C) and a log 13 viscosity in the range of about 1016°F to about 1020°F (547°C to 549°C).

Claim 22. (currently amended) A method for lowering the melting temperature, forming temperature, and/or liquidus temperature of a flat-glass product made by the following method lowering the temperature of glass composition having CaO and MgO for the glass characteristic selected from melting temperature, forming temperature, liquidus temperature and any combinations thereof, comprising the steps of:

increasing the CaO by a selected weight percent; and
decreasing the MgO by substantially the same weight percent.

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Claim 23. (original) The composition according to claim 19, wherein the melting point of the glass composition from the log 2 viscosity reduces fuel usage in preparing the glass.

Claim 24. (previously presented) The composition according to claim 21, wherein the melting point of the glass composition from the log 2 viscosity reduces fuel usage in preparing the glass and the bending and annealing temperatures of the glass from the log 7.6 viscosity in the range of about 1300°F to about 1350°F (704°C to 732°C) and a log 13 viscosity in the range of about 1016°F to about 1020°F (547°C to 549°C) are in the range for a higher melting glass.

Claim 25. (previously presented) The composition according to claim 19, wherein the ratio of CaO to MgO is 2.77 to 5.
